

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

INTERNAL MEMORANDUM

OTHER ADDRESSEES - FOR INFORMATION

153753

cc: R. E. Conreaux
R. Brown

1104

HQ-10 SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: P. Tandler ✓

DATE: April 9, 1987

FROM: J. J. Hintz

SUBJECT: Cerro West Monitoring Station

As part of the Highway 3 improvements, Cerro relocated the driveway into the employee parking lot in such a manner that the manhole for the Cerro West sewer discharge is now out of the roadway. This was done for the purpose of moving the Cerro West monitoring station.

Also, when the highway was repaved it was discovered that the sewer line under the highway had partially collapsed. The repair to this line has improved the flow in that direction and the flume has been repaired.

We now propose to trench from the manhole to a new building addition to the main office which will house the monitoring equipment. In the trench we will bury three conduits to carry the wiring of the sonic level detector, the water sampling line and a spare conduit or pipe for future use. The building addition will be 8' X 10' and will consist of adequate footings, concrete slab, brick construction to match the existing building and a shingled roof to match the existing roof. Light and power for minimum heating will be provided from an existing service to a light standard. The building will have one steel door and could have a window if needed for architectural purposes. Parking for any sewer district inspectors would be available adjacent to the cafeteria.

WHY A BUILDING?

Our estimates a year ago indicated that this work could be done for less than \$15,000. We are presently checking the cost of building construction with Charles Rutledge but we do not anticipate that the cost will go up greatly.

If you need further information about this proposal, please contact me.

Jim Hintz

JJH/jpl

CERRO COPPER PRODUCTS CO.

A member of The Marmon Group of companies

cc: R. E. Conreux

INTERNAL MEMORANDUM

HQ-10 SHOW NAME, TITLE AND UNIT OF ADDRESSEE AND ADDRESSOR

TO: Paul Tandler ✓

DATE: June 3, 1986

FROM: Jim Hintz

SUBJECT: Waste Treatment Monitoring

As you are aware, when the Highway 3 construction is completed the driveway into the employees' parking lot will be modified so that the manhole over Cerro West sewer will no longer be in the roadway. This driveway change was specifically requested by Roy Brown with two end purposes in mind.

The first reason for doing this is that we plan to put in a sliding cantilevered gate to replace the present swing gates for the truck entrance. This cantilevered gate requires additional length along the fence to allow for full movement.

The second and primary reason for modifying the driveway was to move the Cerro West sewer manhole out of the roadway. When this is accomplished we propose to move the Sauget Waste Treatment Monitoring Station from its present location across from Monsanto to a new monitoring station to be constructed adjacent to the front office. This monitoring building would be of brick construction to match the existing architecture and would stick out the west end of the personnel building where the old employees' entrance was located. The trench will be dug over to the manhole and monitoring equipment will be located underground below the frostline.

The moving of the Cerro West monitoring station onto our property and into our exclusive sewer will assure that we will no longer have arguments on whether or not other flows are being counted in our waste treatment totals. This can be accomplished relatively inexpensively and will give us the kind of safeguards that we have desired for quite some time.

Attached you will find an EA which outlines the proposal and I ask for your approval.

Jim Hintz

JJH/jpl

6/4

C03672

enc.

*Jim: The decision of where to monitor and what facilities are needed rests with the "Association" and the Village. The E.A. is premature. I will hold it until all costs and benefits can be determined, and I can discuss the proposal with the Board. *Jim**

Rev

CERRO COPPER PRODUCTS
ST. LOUIS WORKS
EXPENDITURE APPROVAL REQUEST

Department: ENGINEERING

Date of Request: 5/30/86

Originator: ROY BROWN

Requisitions Attached: _____

Description of Equipment and/or Work Requested: CONSTRUCT 8' X 10' BRICK BUILDING ON WEST SIDE OF PERSONNEL/SECURITY BUILDING TO SERVE AS CERRO WEST FLOW METERING STATION. RELOCATE INSTRUMENTS TO NEW BUILDING FROM OFF-PLANT SITE NOW SHARED BY MONSANTO, MID WEST RUBBER AND CERRO.

Necessity: IT IS KNOWN THAT EFFLUENTS FROM MID WEST RUBBER CAN ENTER CERRO'S SEWERS AT SEVERAL LOCATIONS. SHOULD THIS HAPPEN, THESE EFFLUENTS WOULD SUBSEQUENTLY BE MEASURED AND BILLED AS CERRO DISCHARGES. SIMILARLY, AT THE PRESENT CERRO WEST METERING STATION, BACKFLOWS DURING PERIODS OF HEAVY DISCHARGE BY THE OTHER USERS CAN FLOOD OVER INTO CERRO'S FUME RESULTING IN HIGHER USAGE AND BILLING ASSIGNMENTS THAN DESERVED.

Cost (If Available):

\$11,500.

Justification: (State Estimated Savings if Economic Justification) THE PROPOSED NEW ON-SITE CERRO WEST FLOW METERING STATION WOULD ASSURE ACCURATE DETERMINATION OF CERRO'S FLOWS AND RELATED WASTE TREATMENT COSTS. IT WOULD ELIMINATE ALL POSSIBILITY OF CROSS CONTAMINATION OF OUR SEWERS BY OTHER USERS.

Desired Completion Date:

9/30/86

Department Head Approval: (Check One)

- I concur in the above request and ask that it be processed in accordance with Standard Practice G-1 for Expenditure Approvals of ~~\$500 - 5,000~~
\$1,000 - 15,000
- I would like to have additional information as to costs and potential benefits before approving this request.

James J. Hintz
Signature
Plant Engineer
Title

Manager Approval: (Check One)

- I concur in the above request and ask that it be processed in accordance with Standard Practice G-1 for Expenditure Approvals of ~~\$500 - 5,000~~
\$1,000 - 15,000
- I would like to have additional information as to costs and potential benefits before approving this request.

C03673

Signature

Title

COST ESTIMATE

BUILDING COST	\$ 5,500
COST TO MOVE INSTRUMENTS	2,000
IN-PLANT LABOR	3,000
	<hr/>
	\$ 10,500
CONTINGENCY	1,000
	<hr/>
TOTAL	\$ 11,500